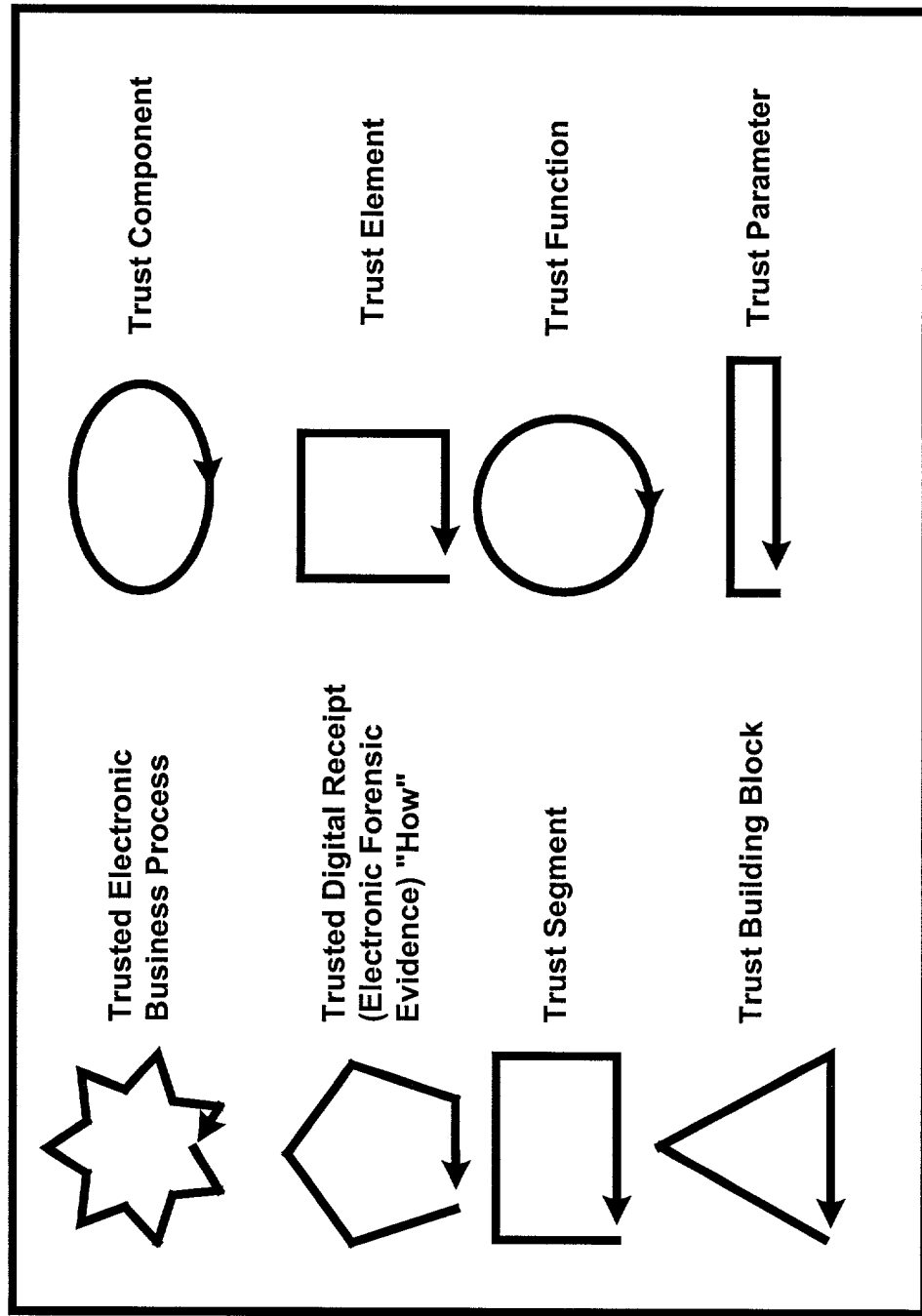


Figure 1. Trusted End-to-End Electronic Business Digital Chain of Trust Model



Legend: Digital Chain of Trust Relational Hierarchy

FIGURE ii

Trust Segment 1: Trusted Identity Authentication

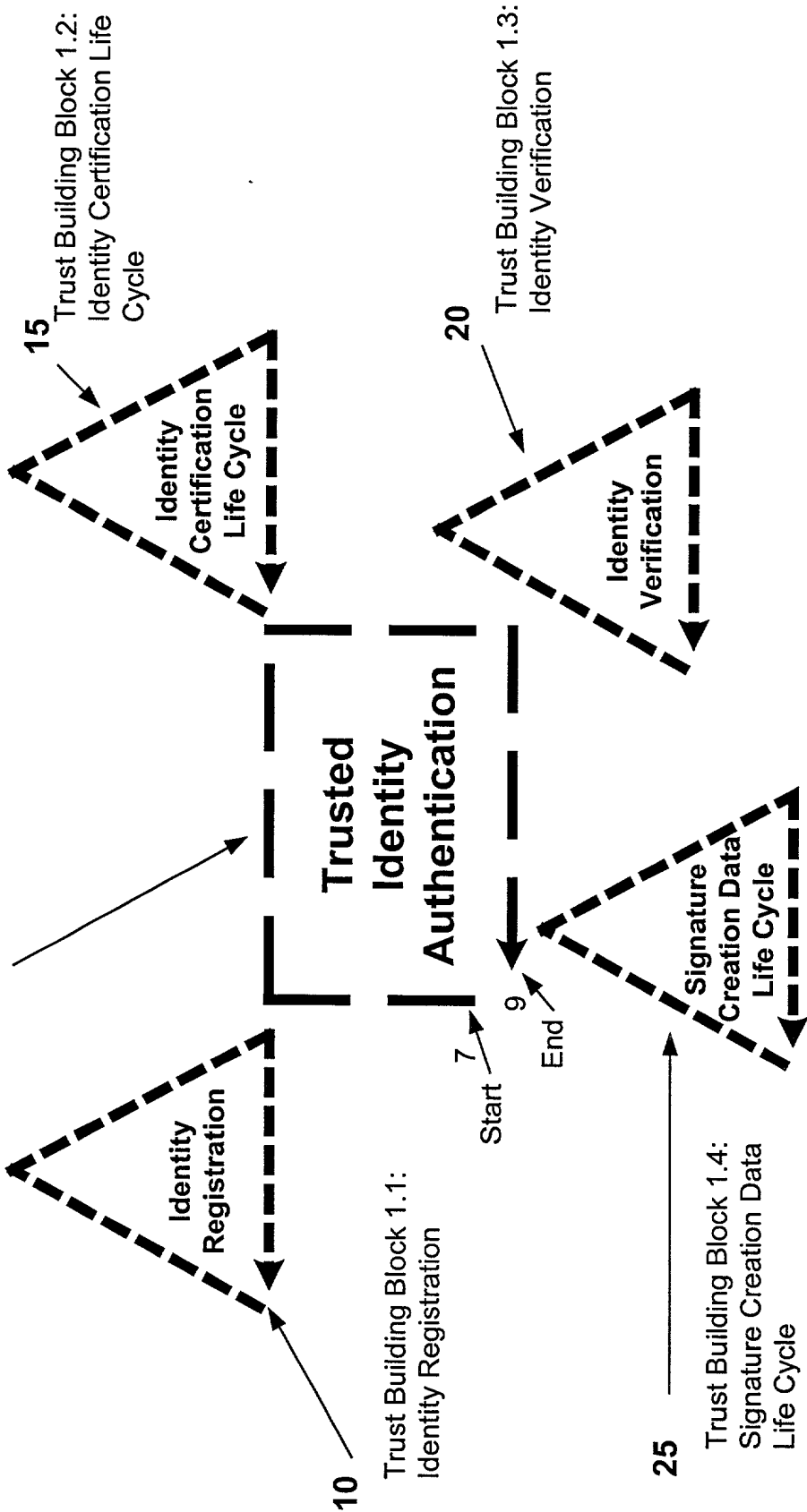


Figure 1.0 : Trust Building Blocks of Trust Segment 1: Trusted Identity Authentication

5

Trust Building Block 1.1: Identity Registration

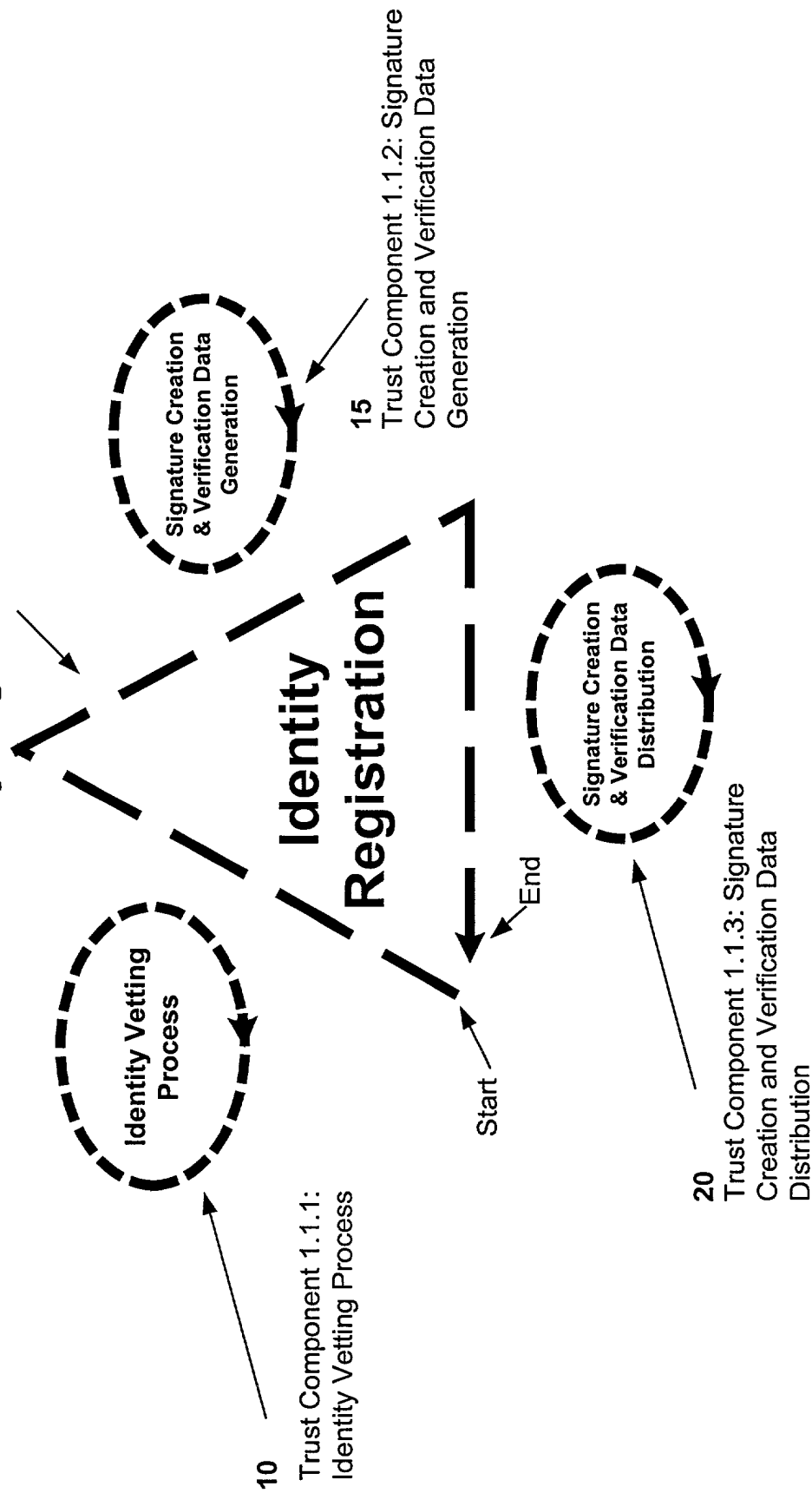


Figure 1.1: Trust Components of Trust Building Block 1.1: Identity Registration

Trust Component 1.1.1: Identity Vetting Process

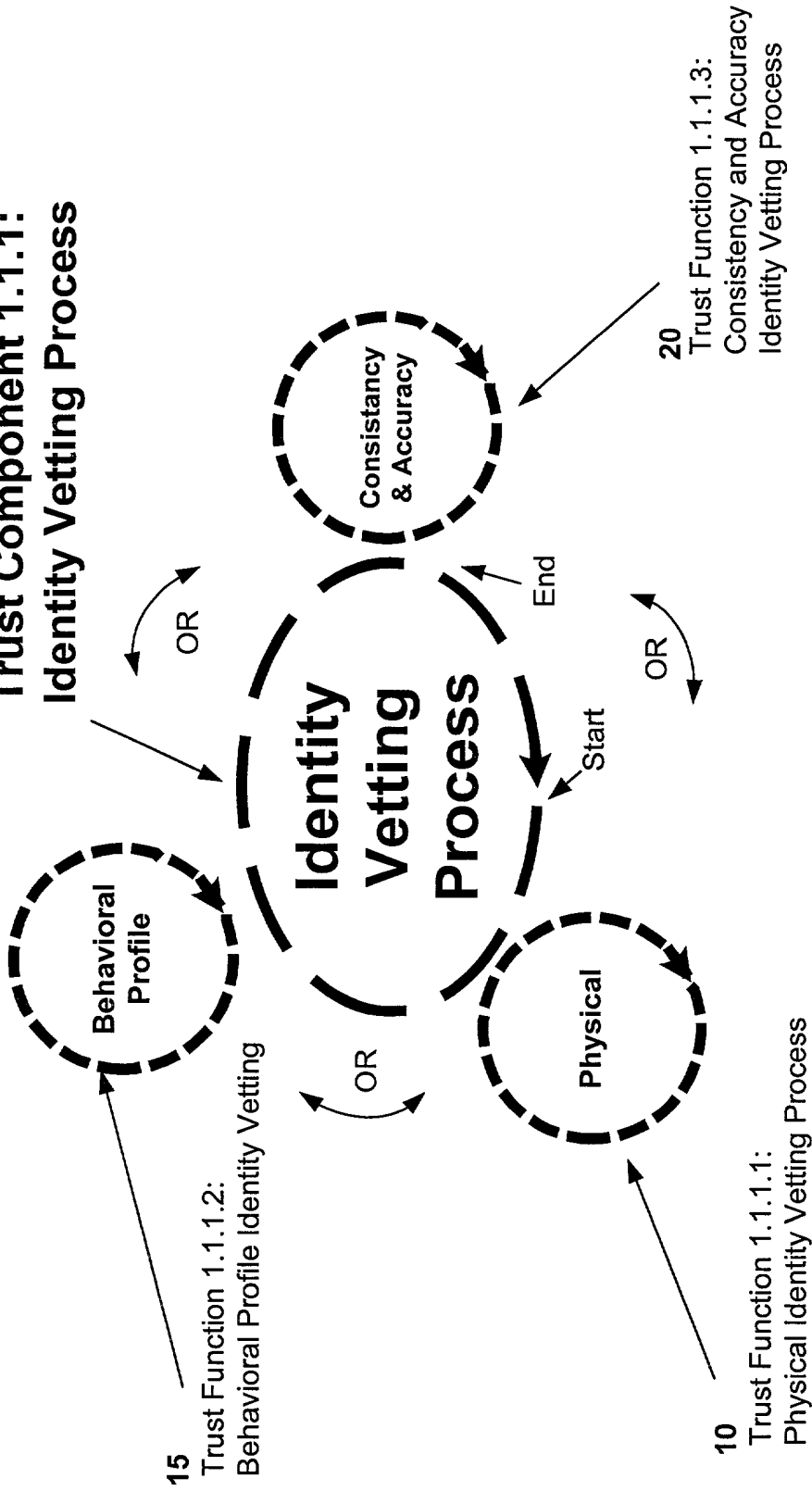


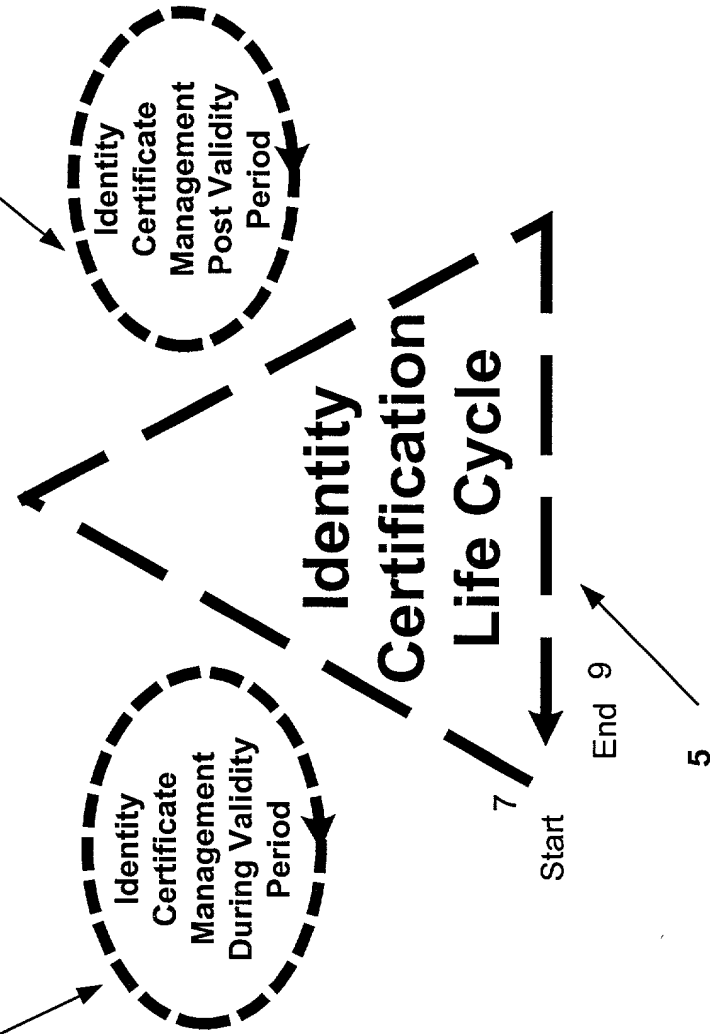
Figure 1.1.1: The Trust Functions of Trust Component 1.1.1: Identity Vetting
Process of Trust Building Block 1.1: Identity Registration of Trust
Segment 1: Trusted Identity Authentication

10

Trust Component 1.2.1
Identity Certificate Management During
Validity Period

20

Trust Component 1.2.2:
Identity Certificate Integrity Verification



Trust Building Block 1.2: Identity Certification Life Cycle

The Trust Components of Trust Building Block 1.2: Identity
Certification Life Cycle, of Trust Segment 1: Trusted Identity
Authentication

Figure 1.2.1:

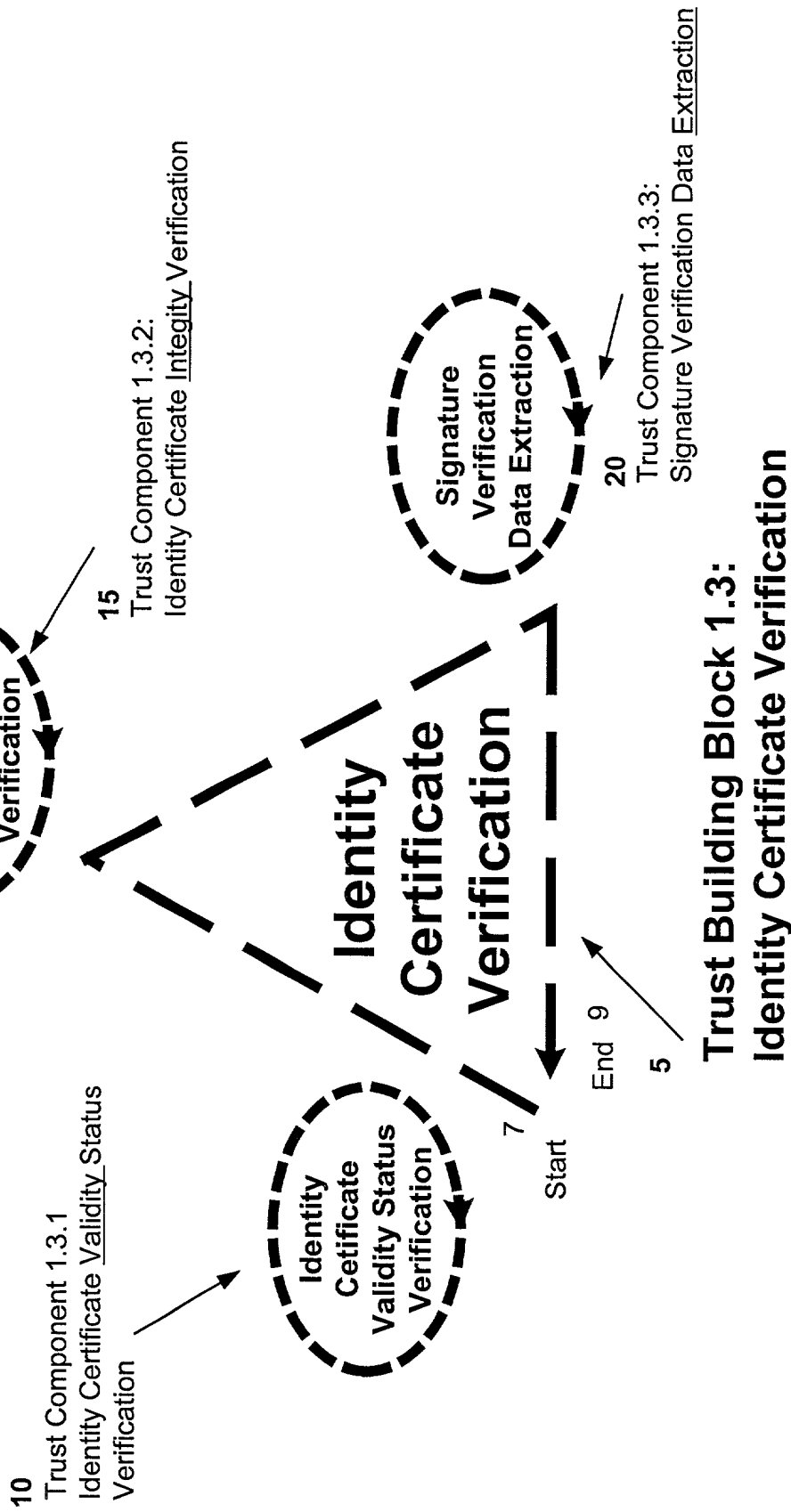


Figure 1.3 :
The Trust Components of Trust Building Block 1.3: Identity
Certificate Verification of Trust Segment 1: Trusted Identity
Authentication

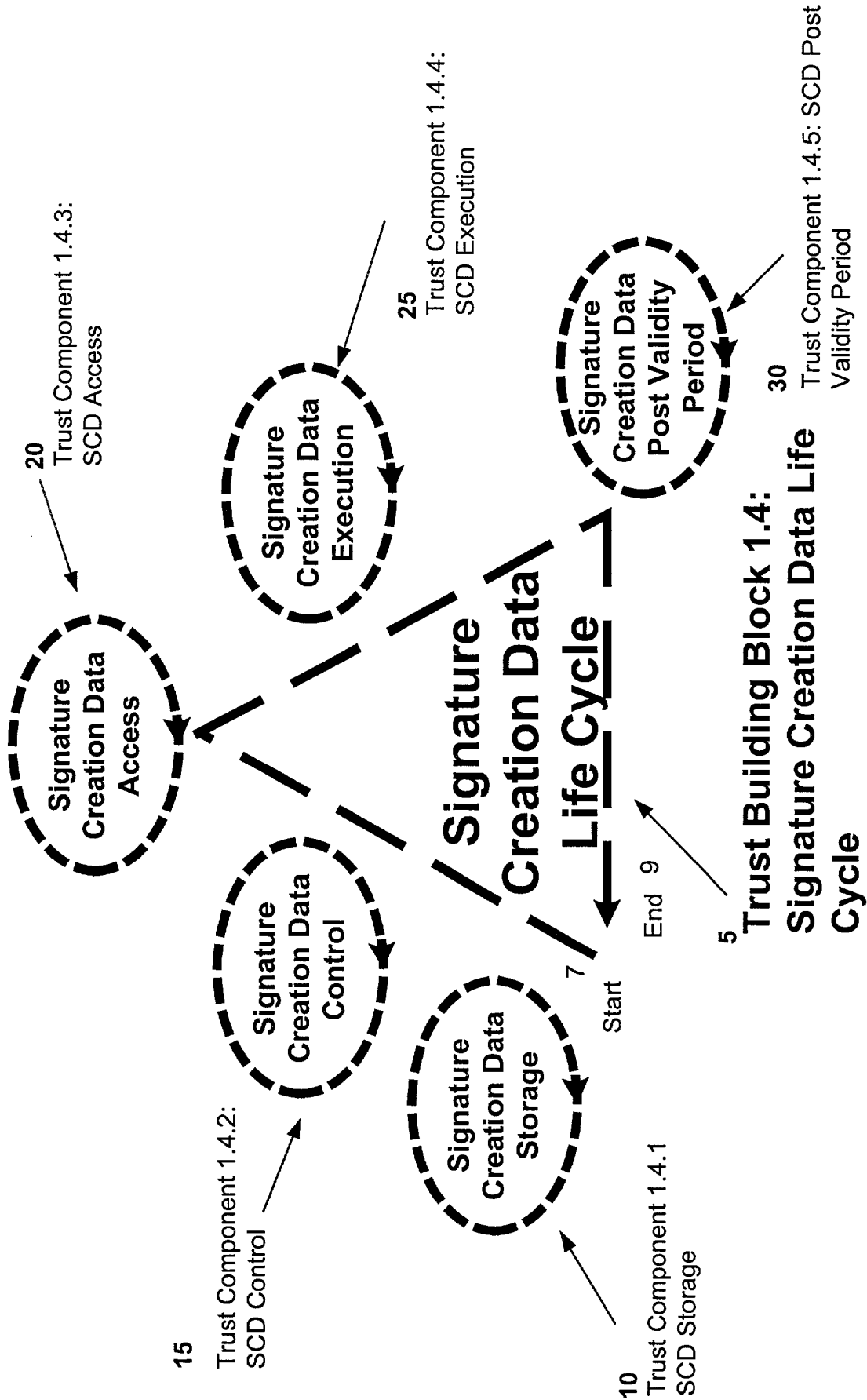


Figure 1.4.1: The Trust Components of Trust Building Block 1.4: Signature Creation Data Life Cycle of Trust Segment 1: Trusted Identity Authentication

5

Trust Segment 2: Trusted Information Integrity

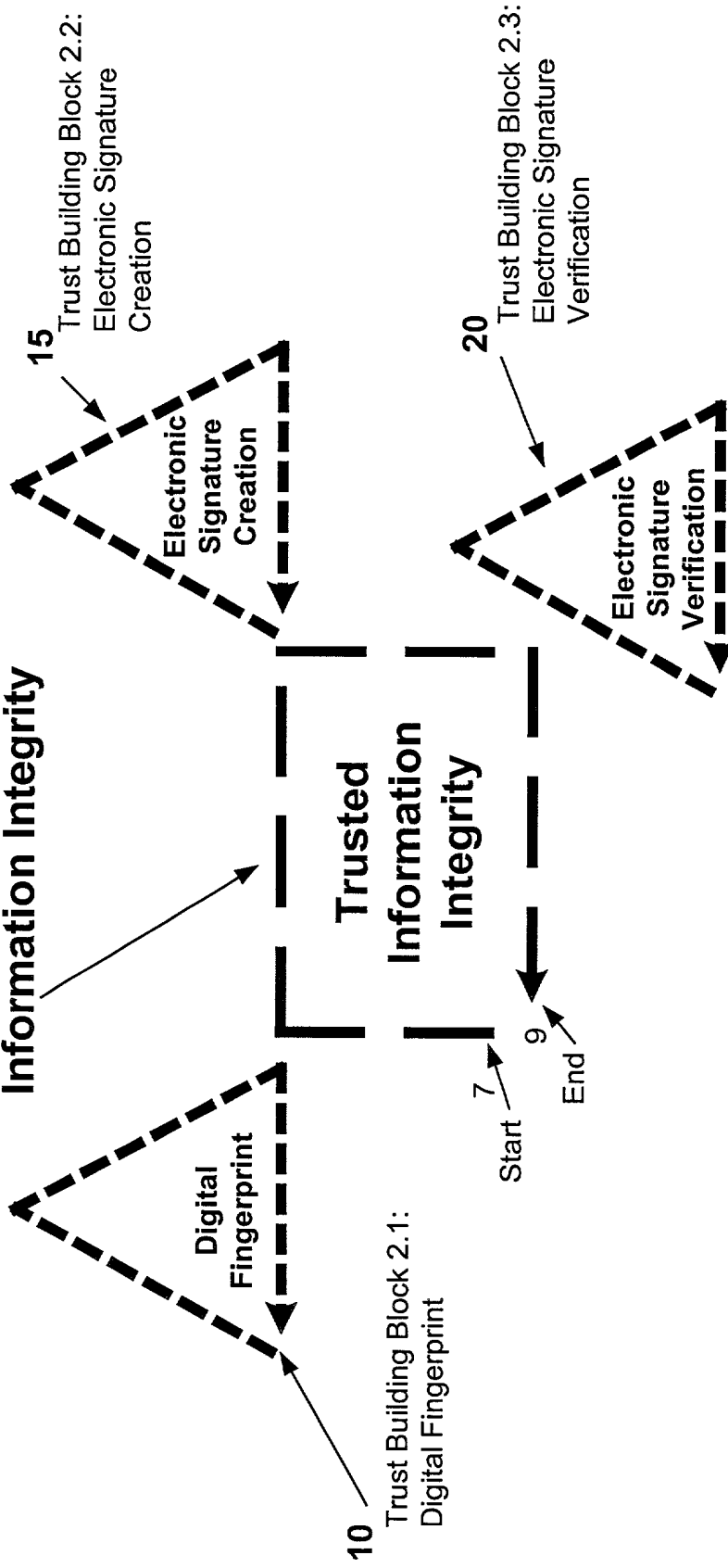


Figure 2.0: Trust Building Blocks of Trust Segment 2: Trusted Information Integrity

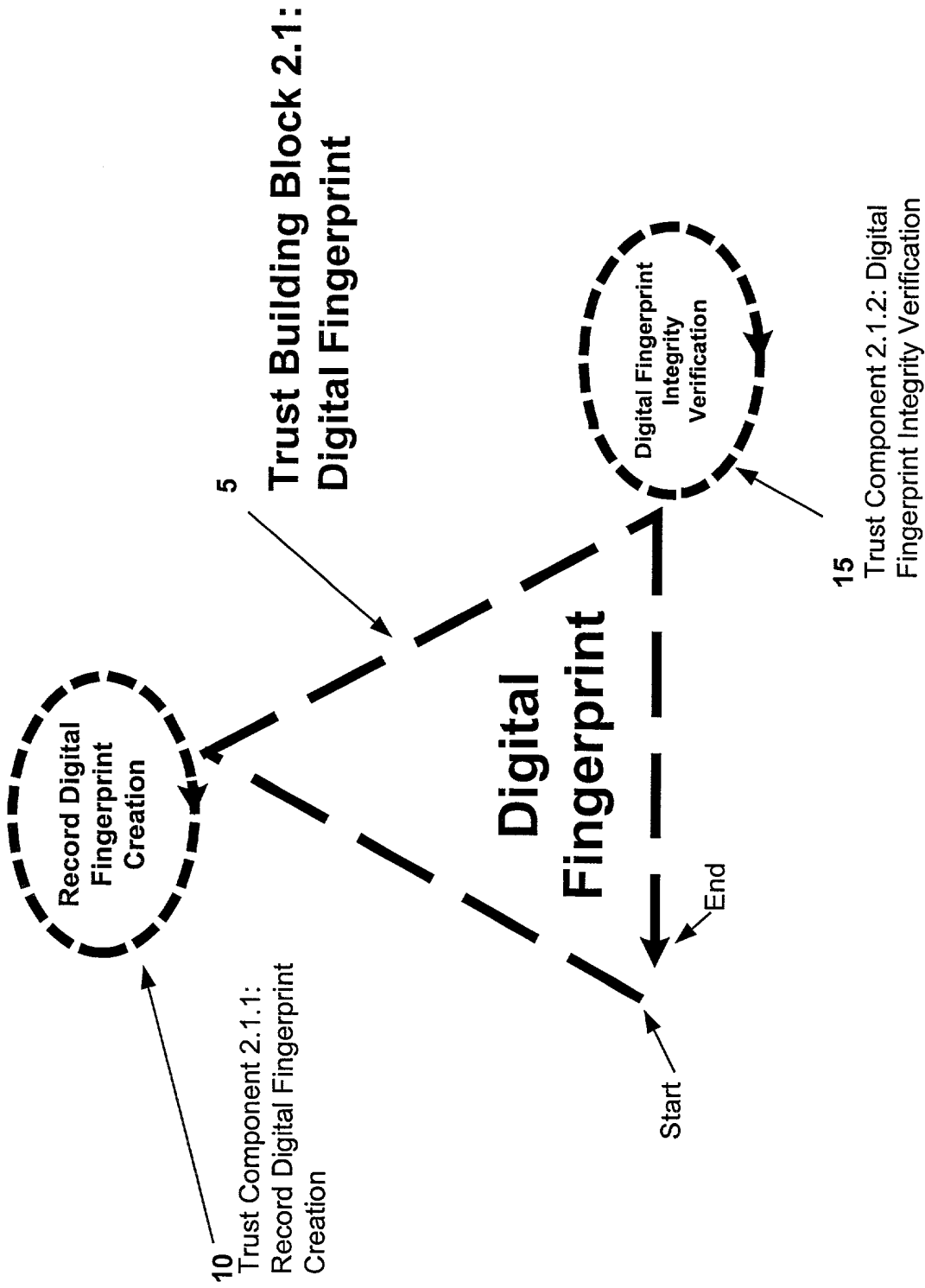


Figure 2.1.1: Trust Components of Trust Building Block 2.1: Digital Fingerprint

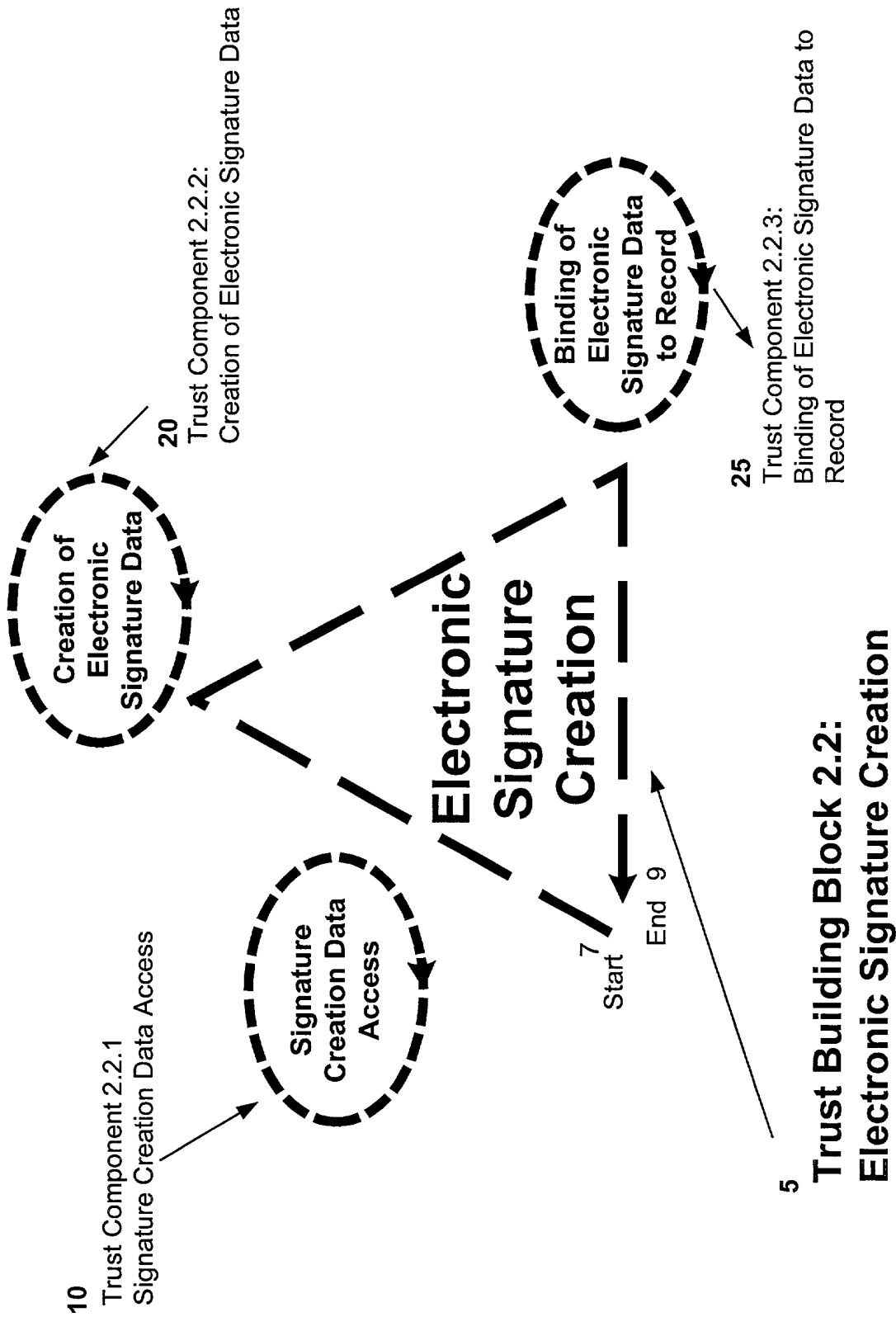


Figure 2.2.:
The Trust Components of Trust Building Block 2.2:
Electronic Signature Creation of Trust Segment 2: Trusted
Information Integrity

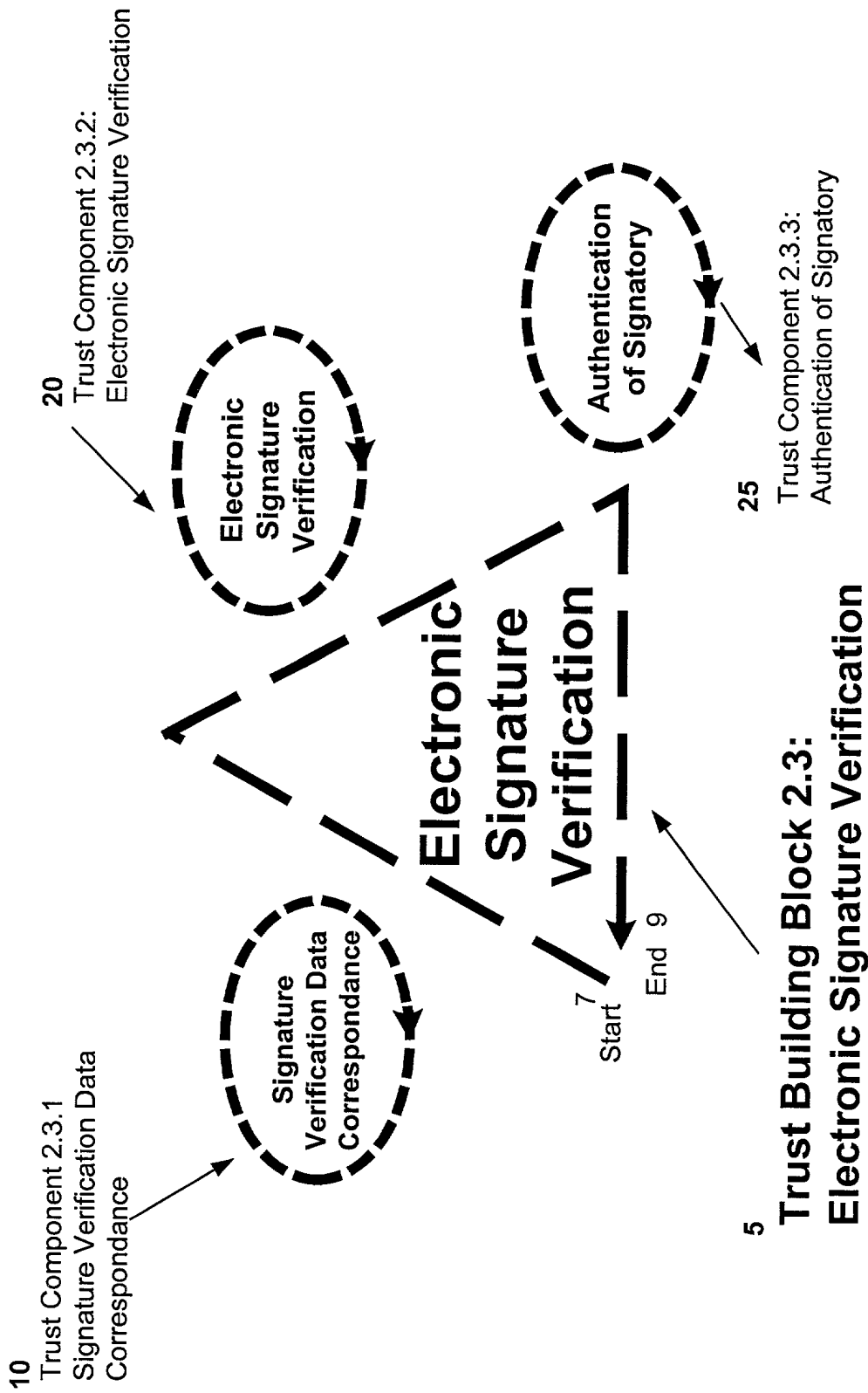


Figure 2.3 : The Trust Components of Trust Building Block 2.3: Electronic Signature Verification of Trust Segment 2: Trusted Information Integrity

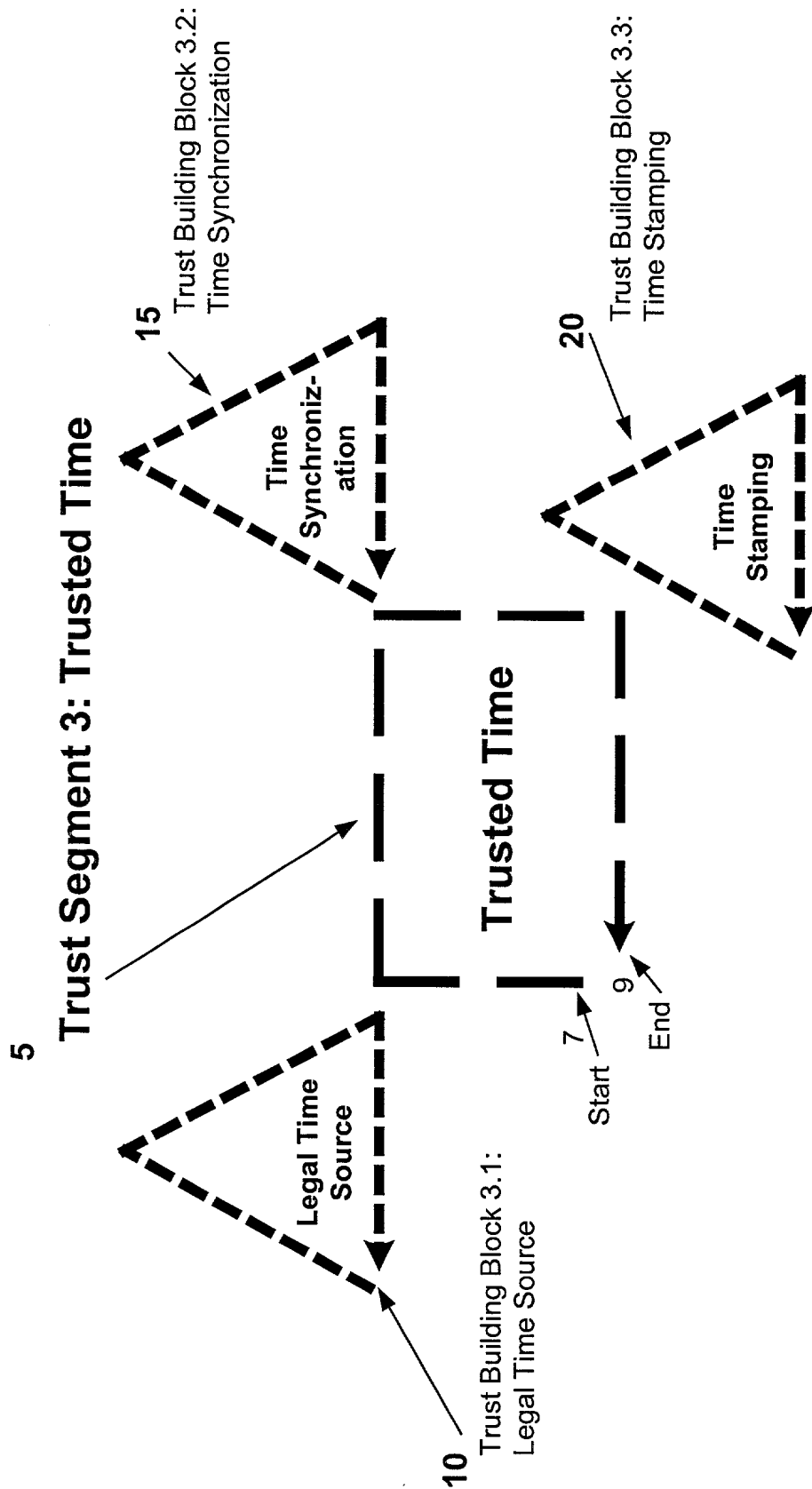


Figure 3.0 : Trust Building Blocks of Trust Segment 3:
Trusted Time

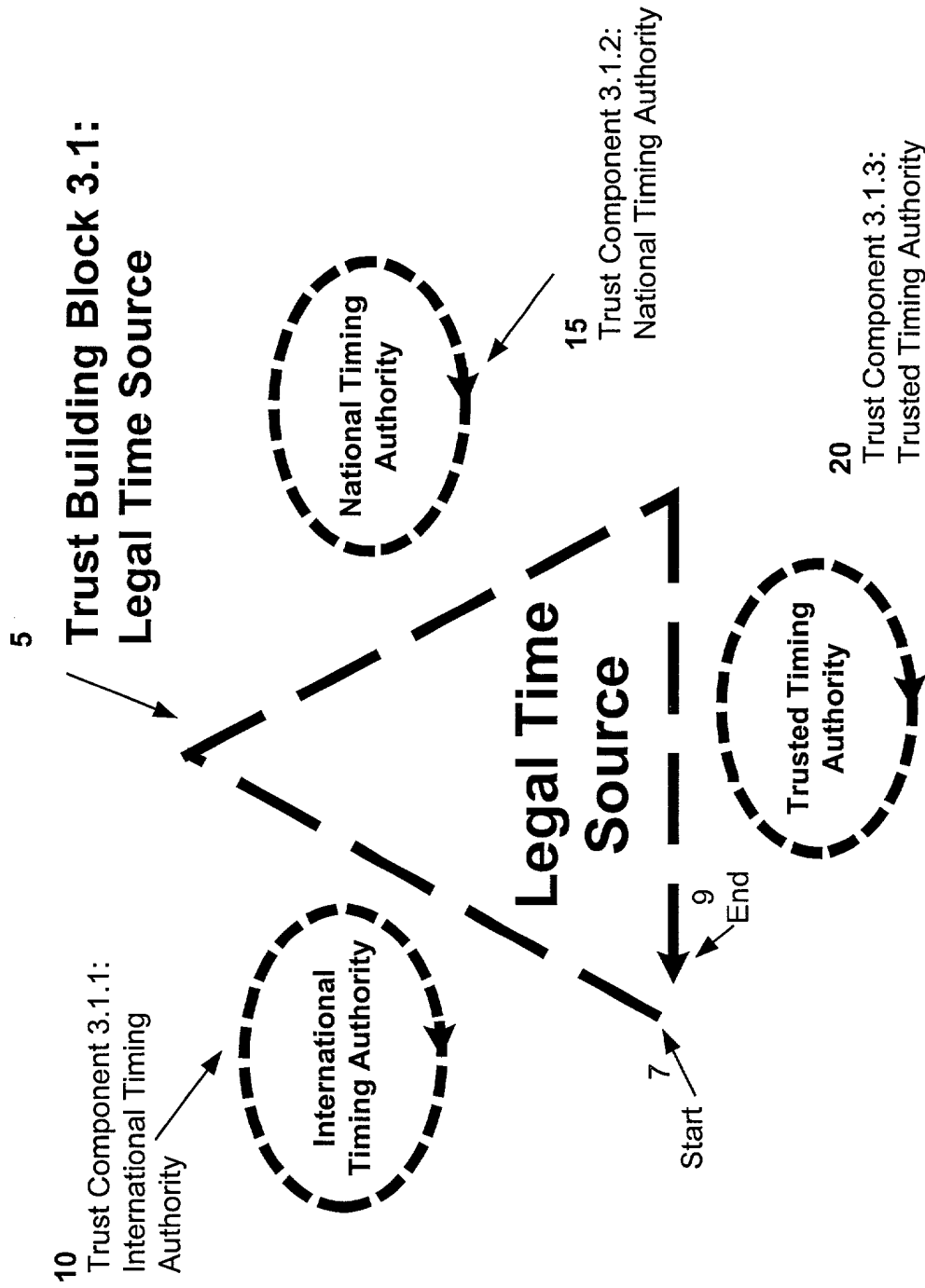


Figure 3.1/ : Trust Components of Trust Building Block 3.1: Legal Time Source

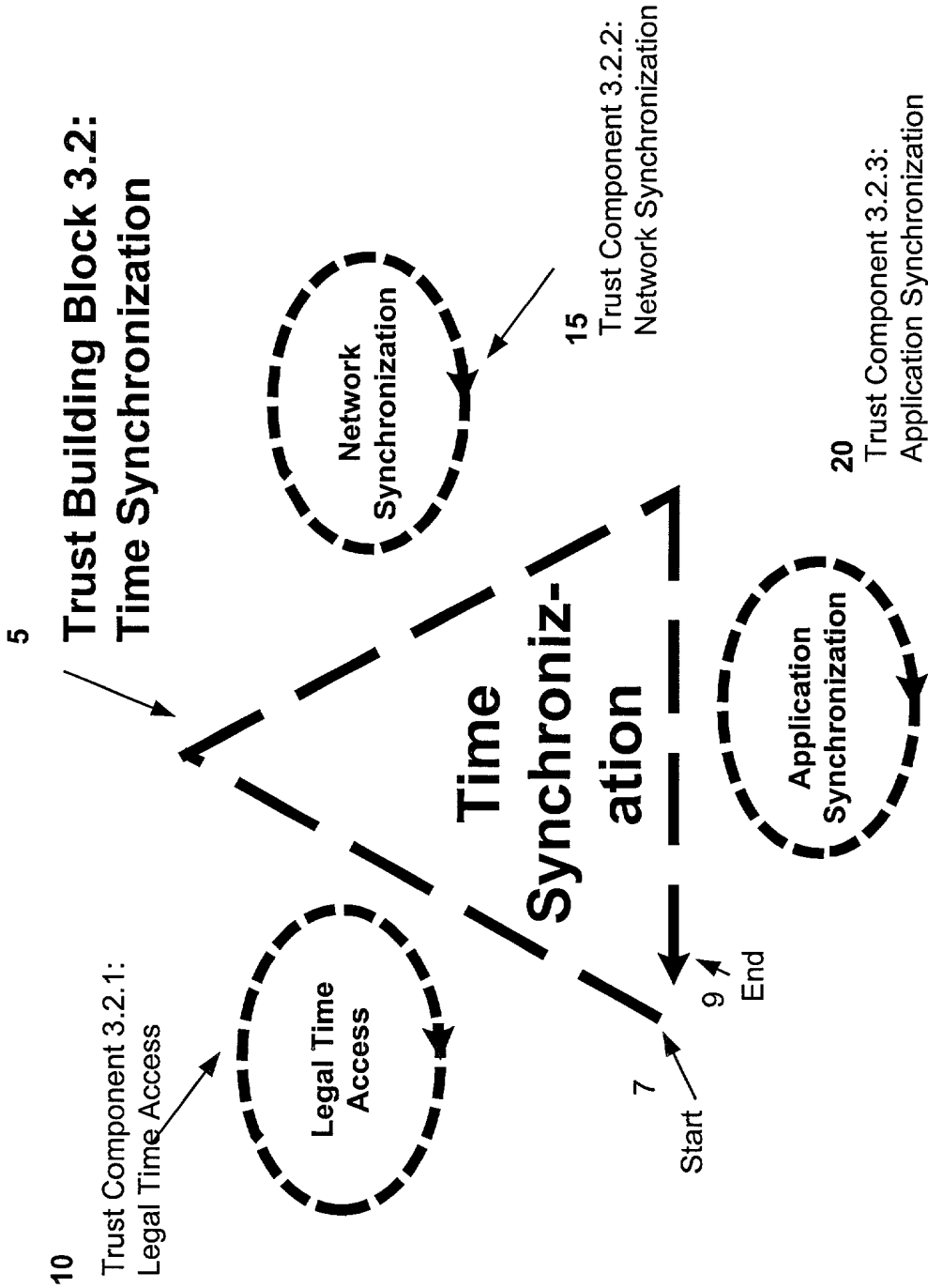


Figure 3.2: Trust Components of Trust Building Block 3.2: Time Synchronization

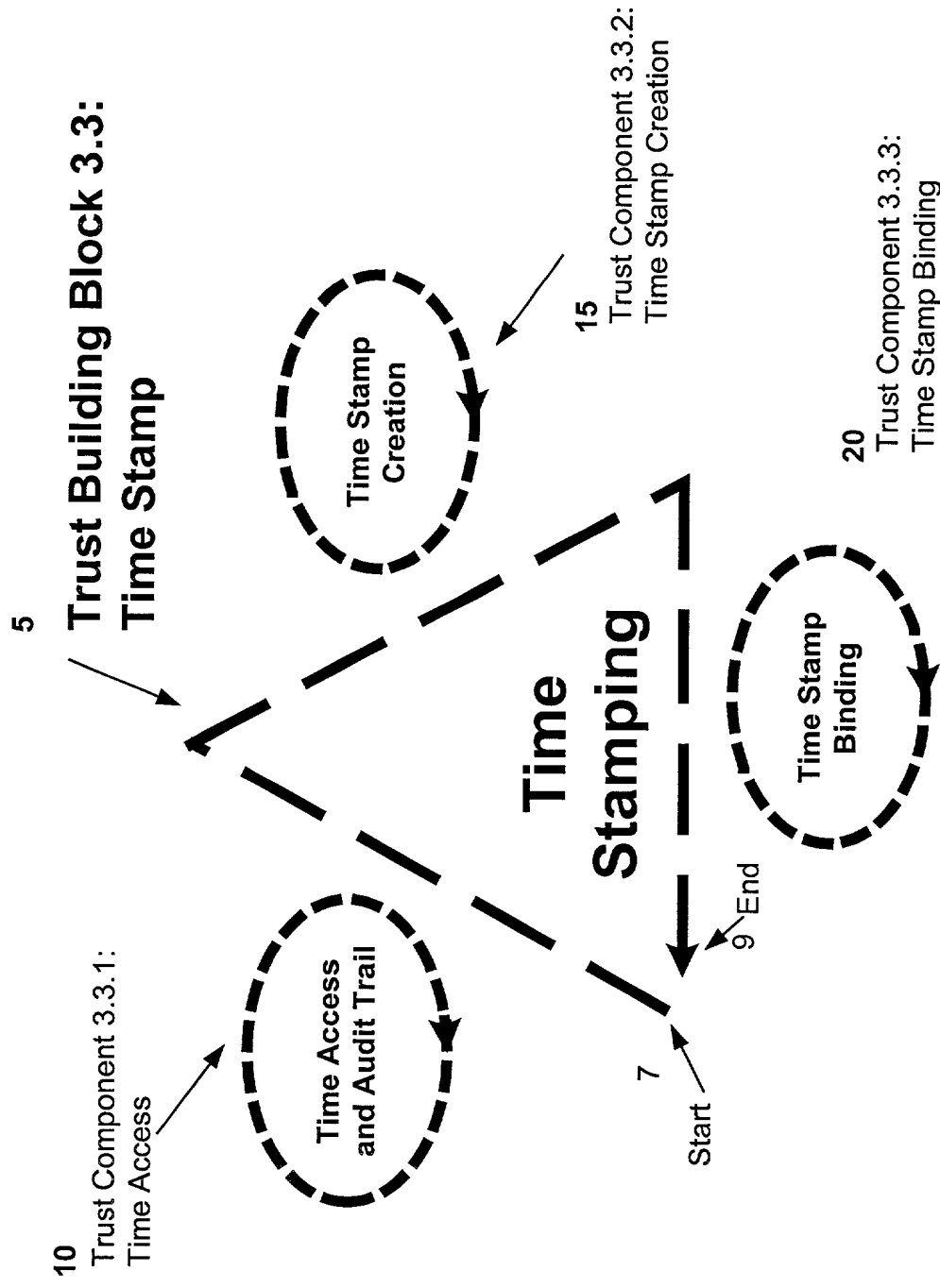
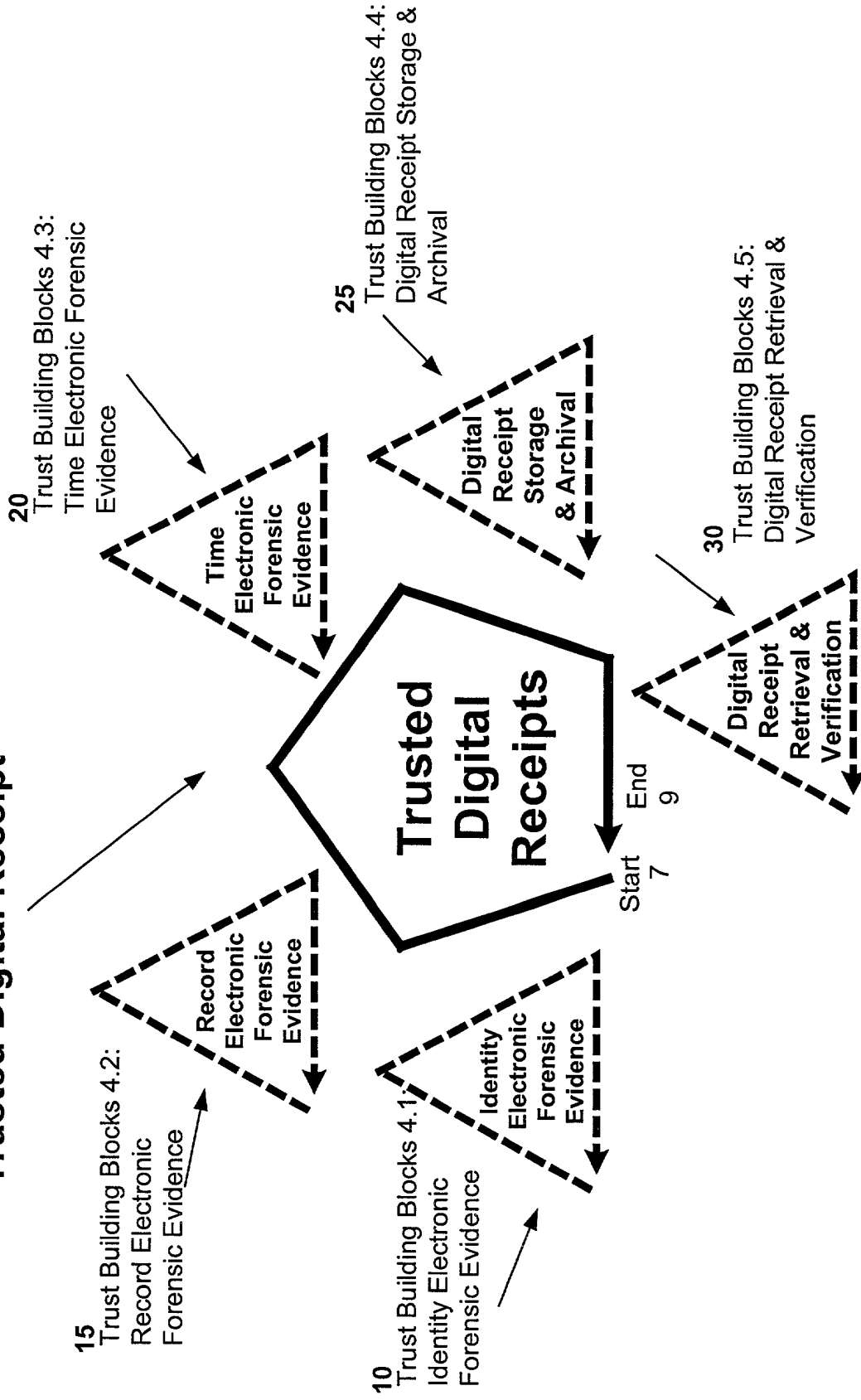


Figure 3.3 : Trust Components of Trust Building Block 3.3: Time Stamping

Trust Segment 4: Trusted Digital Receipt



Trust Building Blocks of Trust Segment 4:
Trusted Digital Receipts

Figure 4.0:

5

Trust Segment 5: Trusted Access

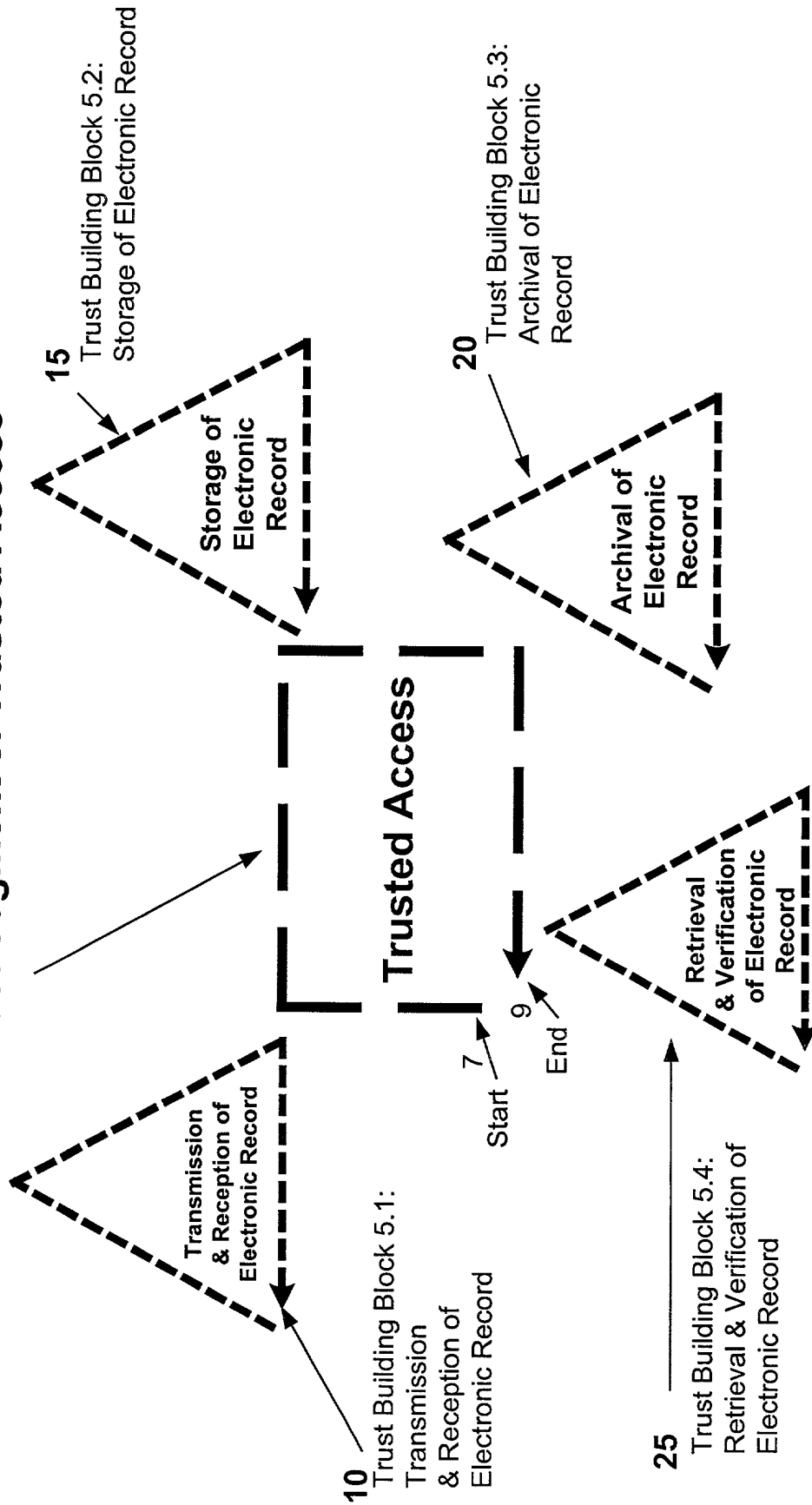


Figure 5.0 : Trust Building Blocks of Trust Segment 5: Trusted Access

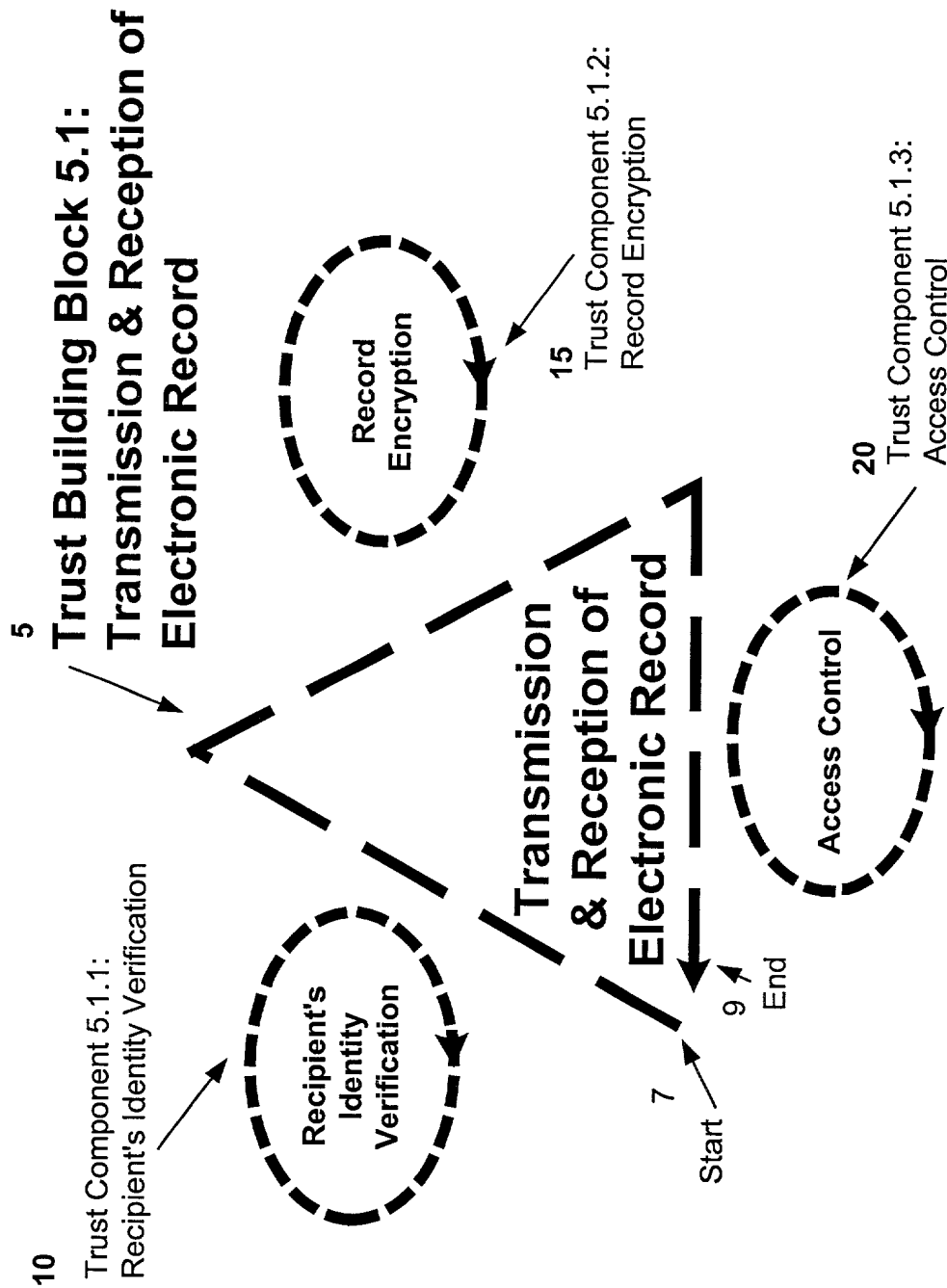


Figure 5.1.1: Trust Components of Trust Building Block 5.1:
Transmission & Reception of Electronic Record

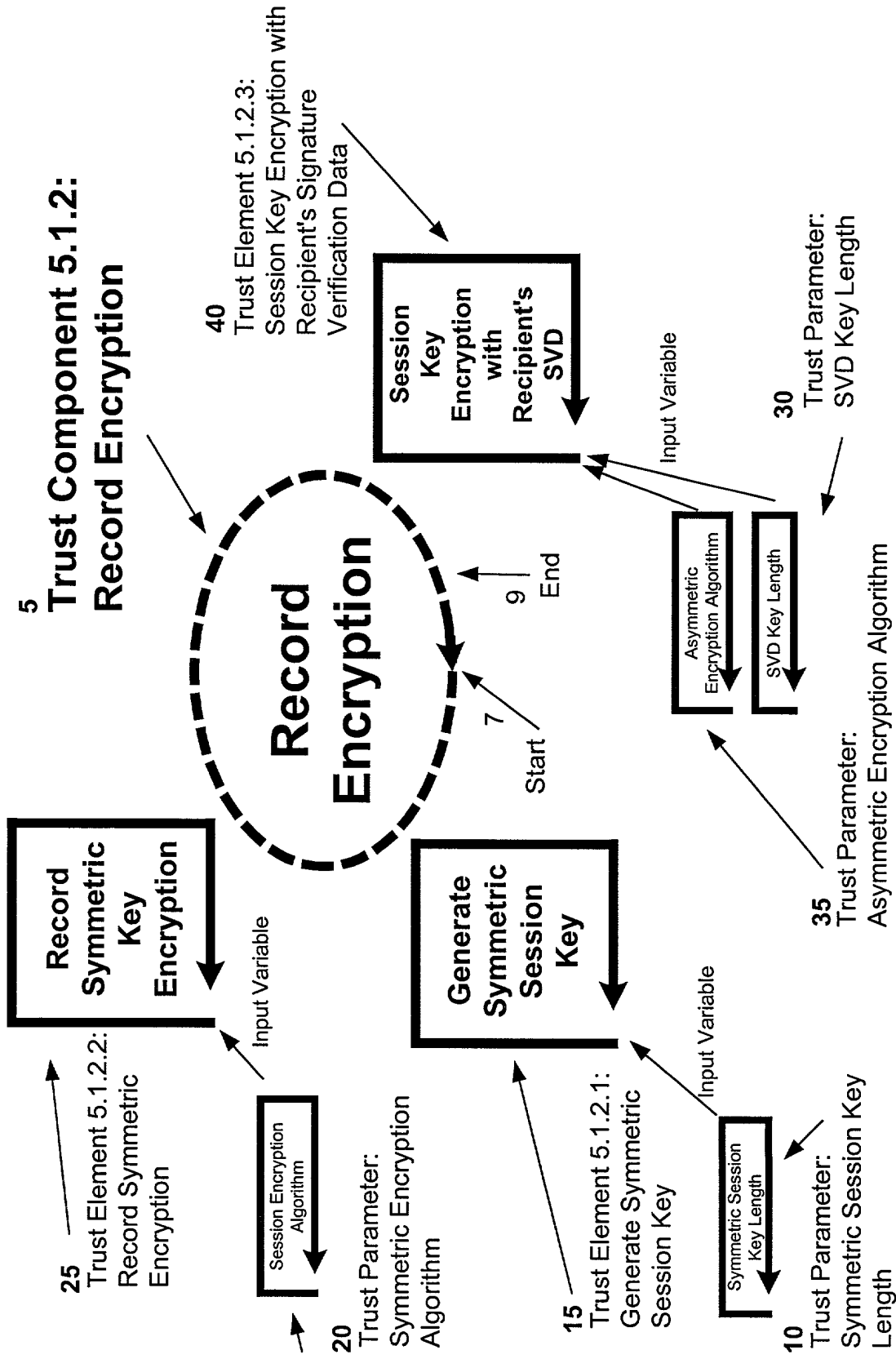


Figure 5.1.2: Trust Elements of Trust Component 5.1.2: Record Encryption of Trust Building Block 5.1: Transmission and Reception of Electronic Record, of Trust Segment 5: Trusted Access

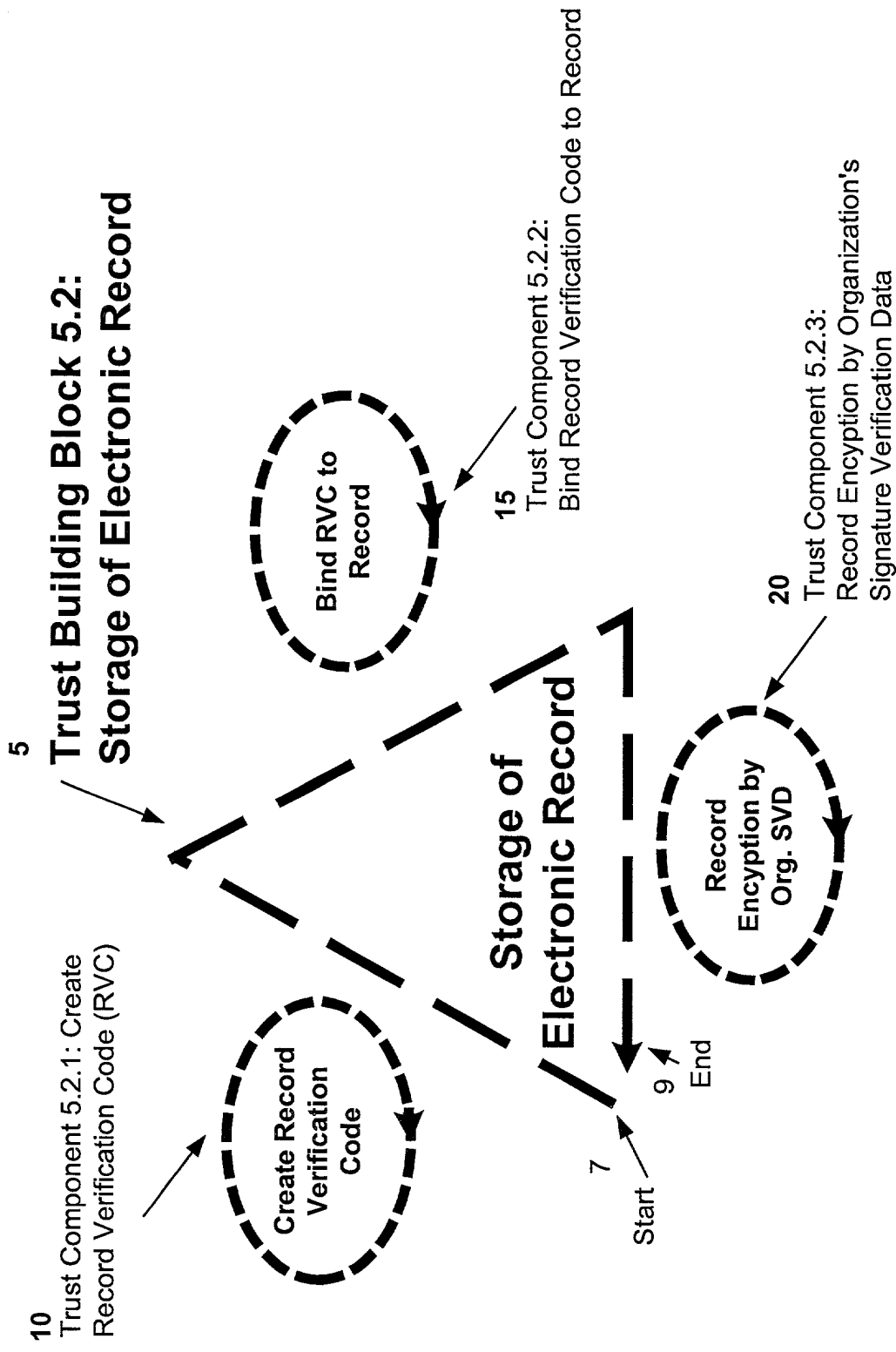


Figure 5.2.2: Trust Components of Trust Building Block 5.2:
Storage of Electronic Record

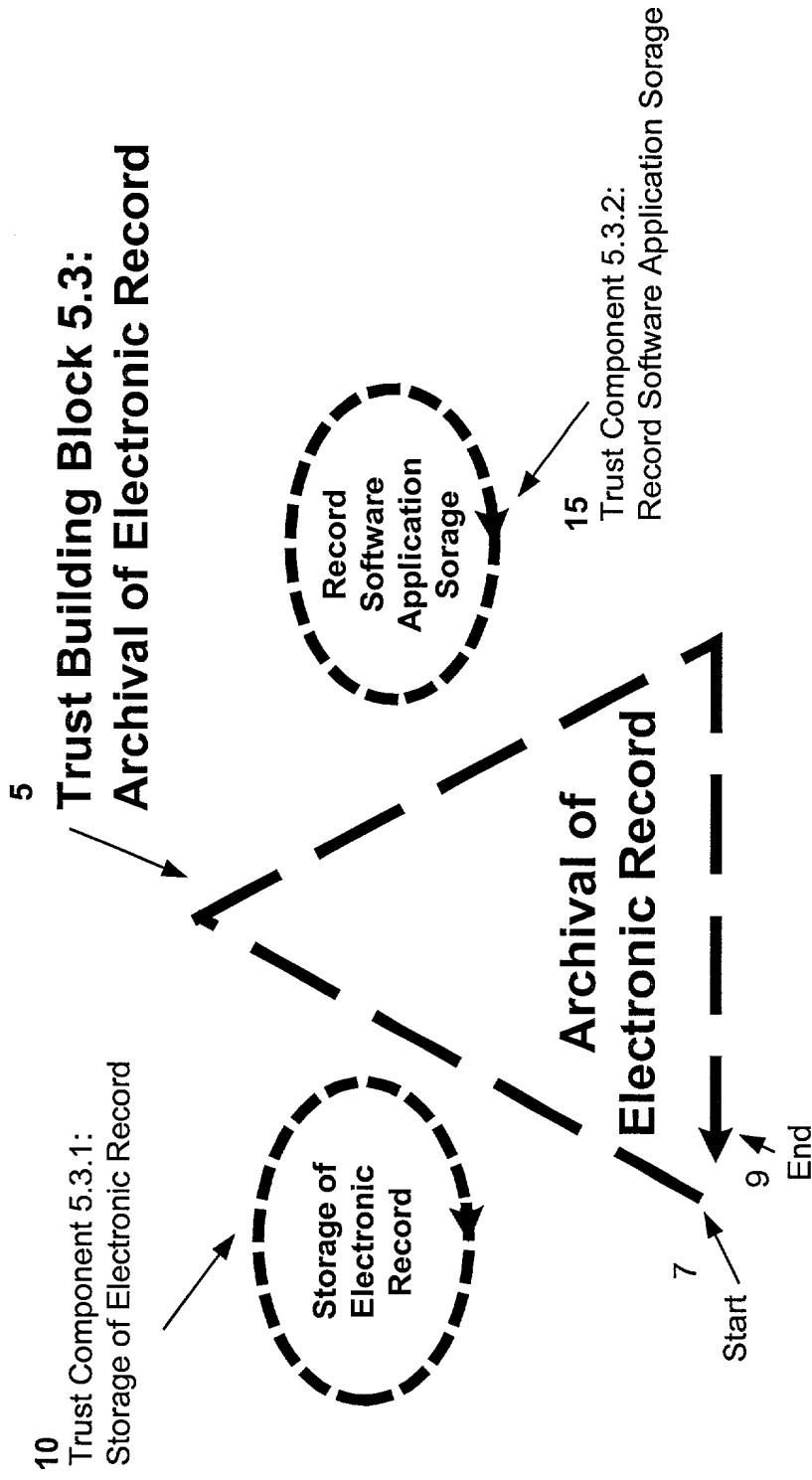


Figure 5.3 : Trust Components of Trust Building Block 5.3: Archival of Electronic Record

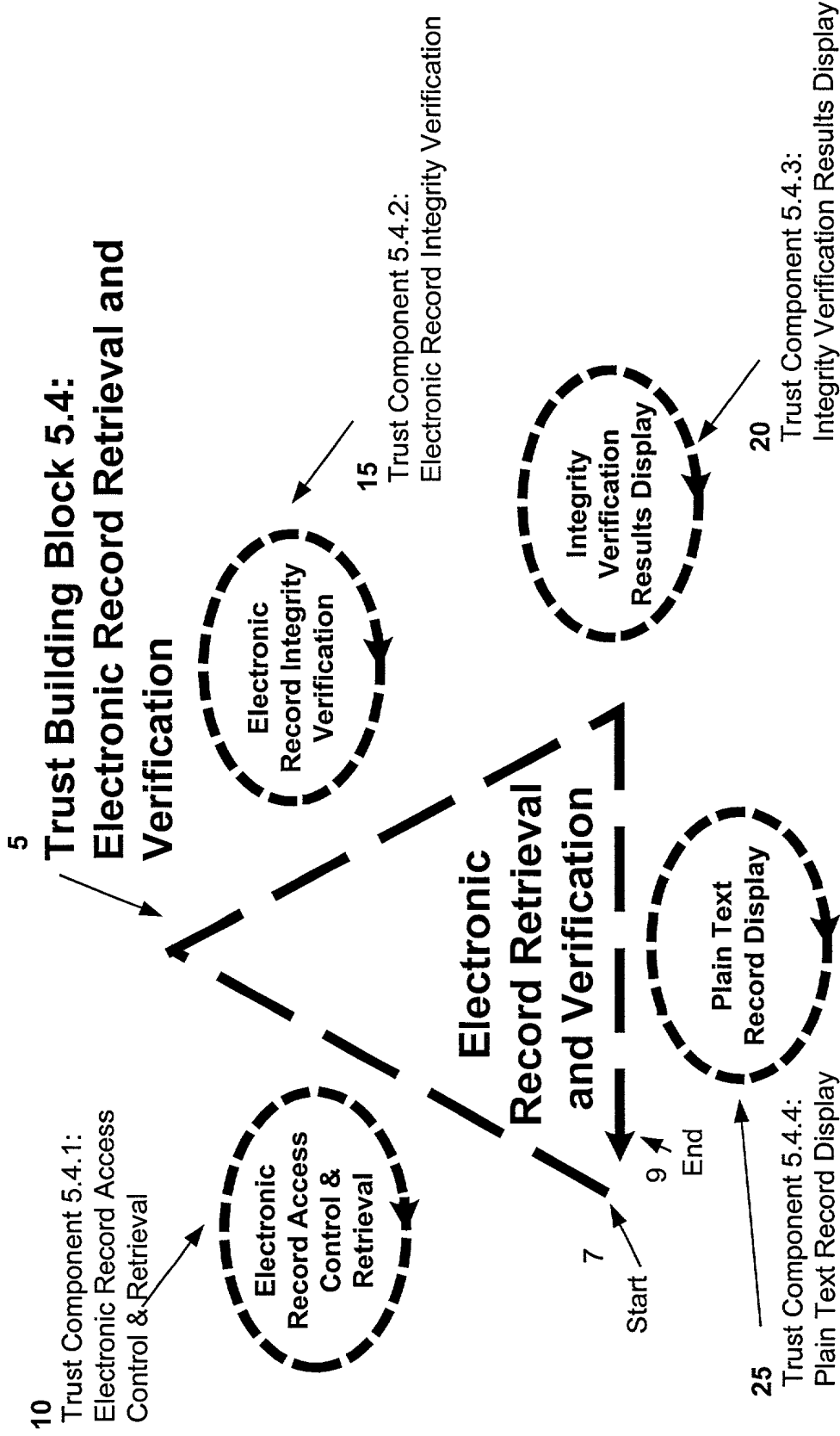


Figure 5.4 : Trust Components of Trust Building Block 5.4: Electronic Record Retrieval and Verification

Trust Segment 6: Personal Information Privacy

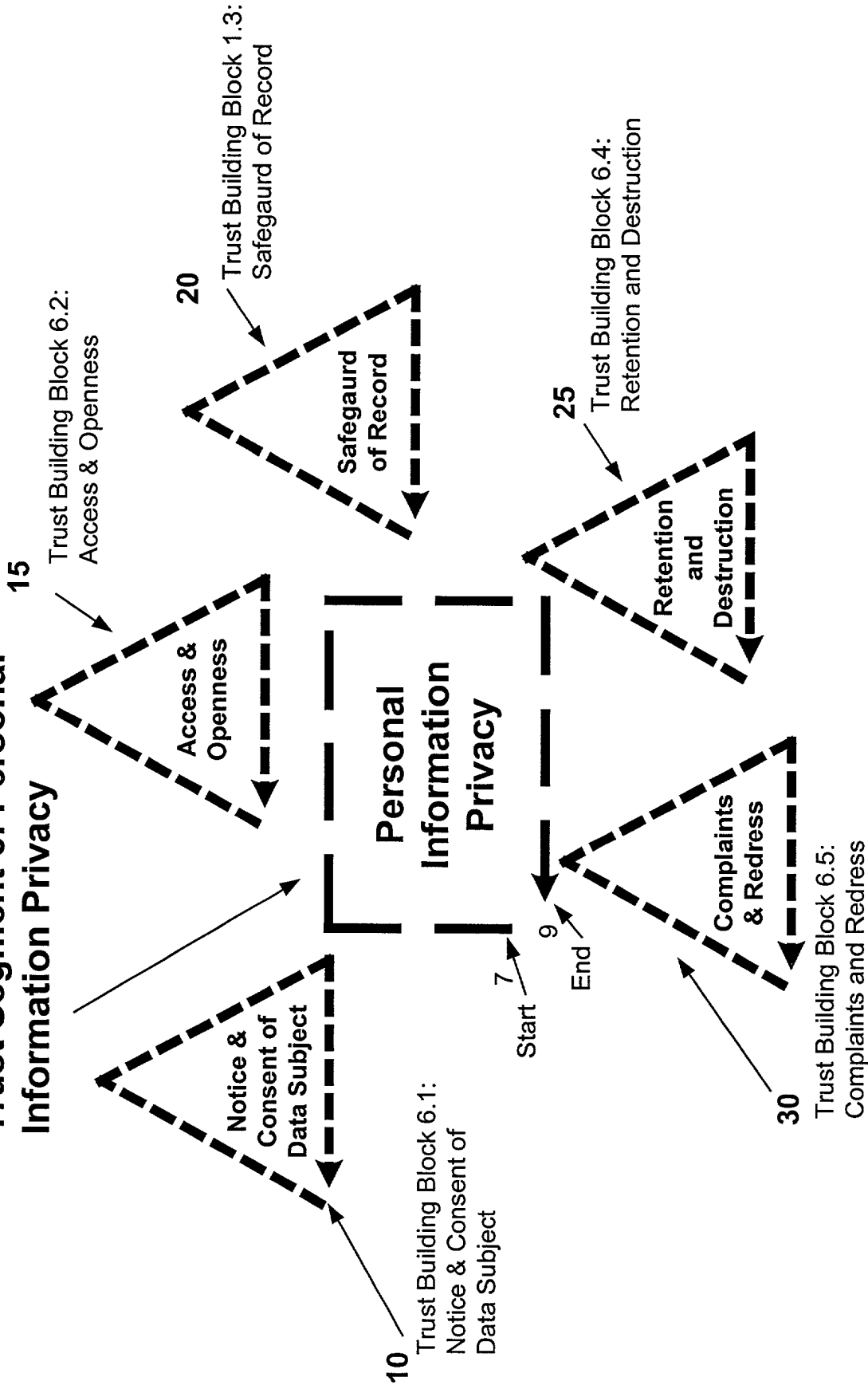


Figure 6.0: Trust Building Blocks of Trust Segment 6: Personal Information Privacy

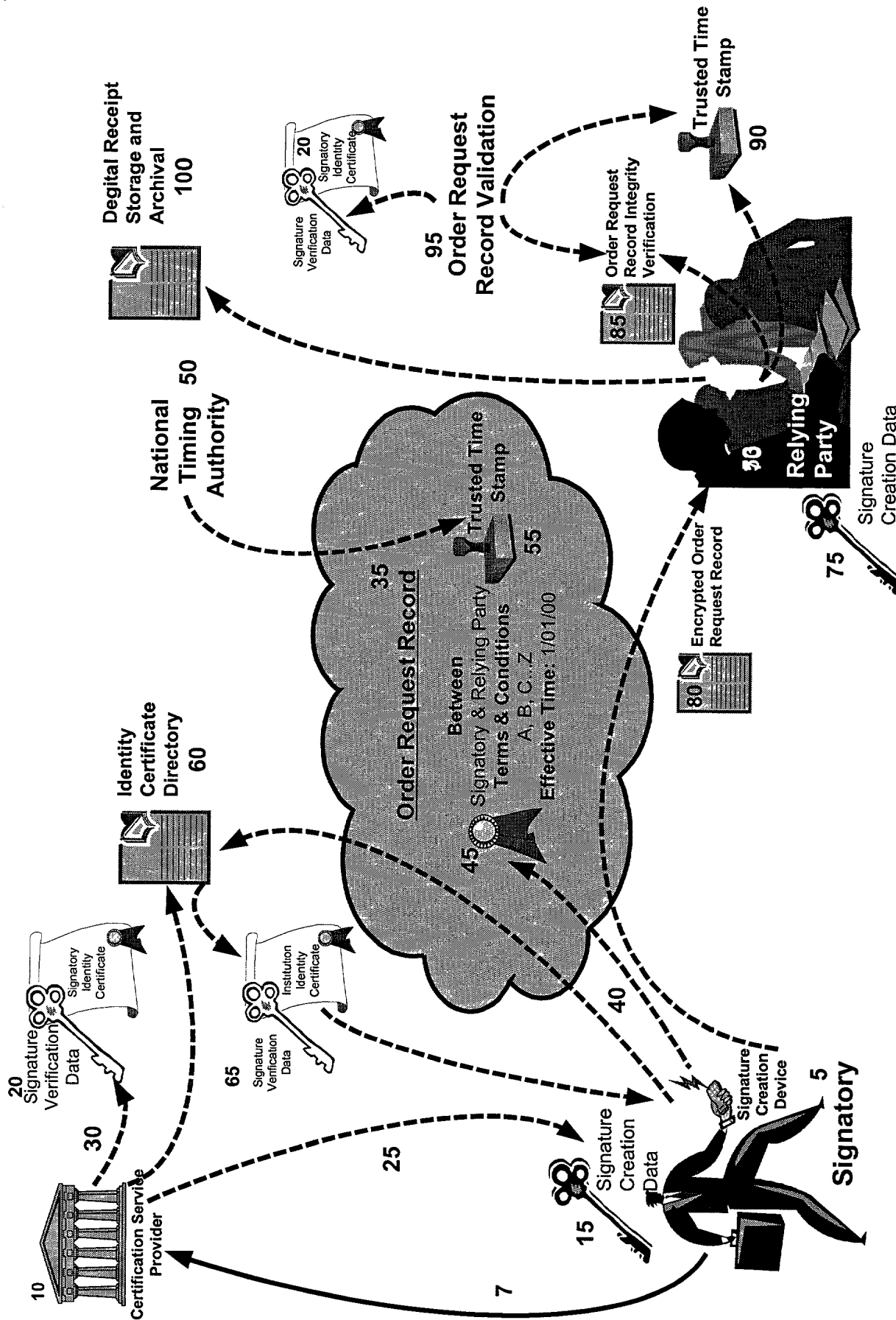


Figure 7: Exemplary eBP of a financial Transaction between a Customer (Signatory) and an Institution (Relying Party) using the inventive DCT methodology